3045 George E. Jones Excavating, L.L.C.
1504 E. Main
P.O. Box 1104
Marion, IL 62959-1104

04/25/03 163

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Construction File

Letting April 25, 2003

BIDDERS NEED NOT RETURN THE ENTIRE PROPOSAL
(See instructions inside front cover)

NOTICE TO PROSPECTIVE BIDDERS
This proposal can be used for bidding purposes by only those companies that request and receive written AUTHORIZATION TO BID from IDOT's Central Bureau of Construction.
(SEE INSTRUCTIONS ON THE INSIDE OF COVER)

Notice To Bidders, Specifications, Proposal, Contract and Contract Bond

Illinois Department of Transportation

Springfield, Illinois 62764

Contract No. 98629
SALINE County
Section 42-1
Project NHF-332(64)
Route FAP 332
District 9 Construction Funds

Construction File

EXECUTION OF THIS CONTRACT DOES NOT NECESSARILY SIGNIFY APPROVAL OF THE BIDDER'S EMPLOYEE UTILIZATION FORM, NOR DOES THE EXECUTION RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITIES UNDER "PART III, AFFIRMATIVE ACTION PLAN." THE CONTRACTOR WILL BE NOTIFIED IN WRITING OF THE APPROVAL OF HIS FORM. NO WORK WILL COMMENCE UNTIL HE HAS RECEIVED OFFICIAL NOTIFICATION.	ORIGINAL			
	CONTRACTORS COPY			
	BONDING COMPANY			
	CONTR. OFFICE COPY			
	COMPT.		DIST.	✓
	CERT.		MATLS.	
	CHGO.LAB		MAINT.	

Illinois Department of Transportation

NOTICE TO BIDDERS

1. **TIME AND PLACE OF OPENING BIDS.** Sealed proposals for the improvement described herein will be received by the Department of Transportation at the Harry R. Hanley Building, 2300 South Dirksen Parkway, in Springfield, Illinois until 10:00 o'clock a.m., April 25, 2003. All bids will be gathered, sorted, publicly opened and read in the auditorium at the Department of Transportation's Harry R. Hanley Building shortly after the 10:00 a.m. cut off time.

2. **DESCRIPTION OF WORK.** The proposed improvement is identified and advertised for bids in the Invitation for Bids as:

Contract No. 98629
SALINE County
Section 42-1
Project NHF-332(64)
Route FAP 332
District 9 Construction Funds

1.21 miles at widening and resurfacing, earth excavation and embankment, combination curb and gutter with enclosed drainage and shoulder removal and replacement to provide additional lanes on U.S. Route 45 beginning north of IL Route 15 in Harrisburg and extending northeast. Also, included are new traffic signals and new concrete pavement at the intersection of U.S. Route 45 with IL Route 13, Seright Street and Small Street.

3. **INSTRUCTIONS TO BIDDERS.** (a) This Notice, the invitation for bids, proposal and letter of award shall, together with all other documents in accordance with Article 101.09 of the Standard Specifications for Road and Bridge Construction, become part of the contract. Bidders are cautioned to read and examine carefully all documents, to make all required inspections, and to inquire or seek explanation of the same prior to submission of a bid.

   (b) State law, and, if the work is to be paid wholly or in part with Federal-aid funds, Federal law requires the bidder to make various certifications as a part of the proposal and contract. By execution and submission of the proposal, the bidder makes the certification contained therein. A false or fraudulent certification shall, in addition to all other remedies provided by law, be a breach of contract and may result in termination of the contract.

4. **AWARD CRITERIA AND REJECTION OF BIDS.** This contract will be awarded to the lowest responsive and responsible bidder considering conformity with the terms and conditions established by the Department in the rules, Invitation for Bids and contract documents. The issuance of plans and proposal forms for bidding based upon a prequalification rating shall not be the sole determinant of responsibility. The Department reserves the right to determine responsibility at the time of award, to reject any or all proposals, to readvertise the proposed improvement, and to waive technicalities.

By Order of the
Illinois Department of Transportation

Timothy W. Martin, Secretary

SEEDING AND MULCH CLASS 2

Effective 1984 Revised 9/1/99
9-250MA2-97

This work shall be performed in accordance with Sections 250 and 251 of the Standard Specifications, as shown in the plans, and as specified herein:

(a) Class 2 Seeding (Roadside Mixture) shall be used at the locations shown in the plans. The following seed mixtures and rates per acre shall be used during the time of year indicated:

Seed Mixture	Spring 3/1 to 6/1 Lb/Acre	6/1 to 7/31	Fall 8/1 to 10/1 Lb/Acre	10/1 to 11/14	Dormant 11/15 to 3/1 Lb/Acre
Alta or KY 31 Tall Fescue	50	Do Not Seed	50	Do Not Seed	75
Perennial Ryegrass	30		30		45
Creeping Red Fescue	20		20		30
Spring Oats	50		-		-
Winter Wheat	-		50		50

(b) Fertilizer and agricultural ground limestone shall be uniformly spread over the designated areas immediately prior to seedbed preparation at the following rates per acre:

120 lb. of Nitrogen Fertilizer Nutrients (N)
120 lb. of Phosphorus Fertilizer Nutrients (P)
120 lb. of Potassium Fertilizer Nutrients (K)

2 tons of Agricultural Ground Limestone

(c) Straw mulch shall be applied to seeded areas at the rate of 2 tons per acre of Method 2.

(d) Erosion Control Blanket shall be used:

1. In ditch flowlines to hold the straw and seed in place.
2. In place of straw mulch on slopes steeper than 3:1.

SEEDING AND MULCH CLASS 1B

Effective 1984 Revised 9/1/99
9-250MA2-97

This work shall be performed in accordance with Sections 250 and 251 of the Standard Specifications, as shown in the plans, and as specified herein:

(a) Class 1B Seeding (Low Maintenance Lawn Mixture) shall be used at the locations shown in the plans. The following seed mixtures and rates per acre shall be used during the time of year indicated:

Seed Mixture	Spring 3/1 to 5/31 Lb/Acre	6/1 to 7/31	Fall 8/1 to 9/30 Lb/Acre	10/1 to 11/14	Dormant 11/15 to 3/1 Lb/Acre
Turf Type Fescue	150	DO	150	DO	225
Perennial Ryegrass	30	NOT	30	NOT	45
Creeping Red Fescue	20	SEED	20	SEED	30

(b) Fertilizer and agricultural ground limestone shall be uniformly spread over the designated areas immediately prior to seedbed preparation at the following rates per acre:

120 lb. of Nitrogen Fertilizer Nutrients (N)
120 lb. of Phosphorus Fertilizer Nutrients (P)
120 lb. of Potassium Fertilizer Nutrients (K)

2 tons of Agricultural Ground Limestone

(c) Straw mulch shall be applied to seeded areas at the rate of 2 tons per acre of Method 2.

(d) Erosion Control Blanket shall be used:

1. In ditch flowlines to hold the straw and seed in place.
2. In place of straw mulch on slopes steeper than 3:1.

SEEDING AND MULCH CLASS 4

Effective 1984 Revised 9/1/99
9-250MA2-97

This work shall be performed in accordance with Sections 250 and 251 of the Standard Specifications, as shown in the plans, and as specified herein:

(a) Class 4 Seeding (Native Grass) shall be used at the locations shown in the plans. The following seed mixtures and rates per acre shall be used during the time of year indicated:

Seed Mixture	Spring 3/1 to 6/14 Lb/Acre	Summer/Fall 6/15 to 10/14	Dormant 10/15 to 2/28 Lb/Acre
Andropogon gerrardii (Big Bluestem)	4		6
Andropogon scoparius (Little Bluestem)	5	Do	7.5
Bouteloua curtipendula (Side-oats Grama)	5	Not	7.5
Elymus canadensis (Wild Rye)	1	Seed	1.5
Panicum virgatum (Switch Grass)	1		1.5
Sorghastrum nutans (Indian Grass)	2		3
Annual Ryegrass	30		45
Oats, Spring	30		45
Perennial Ryegrass	15		22.5

(b) Fertilizer and agricultural ground limestone shall be uniformly spread over the designated areas immediately prior to seedbed preparation at the following rates per acre:

0 lb. of Nitrogen Fertilizer Nutrients (N)
0 lb. of Phosphorus Fertilizer Nutrients (P)
0 lb. of Potassium Fertilizer Nutrients (K)

0 tons of Agricultural Ground Limestone

(c) Straw mulch shall be applied to all bare earth seeded areas at the rate of 2 tons per acre of Method 2.

(d) Erosion Control Blanket shall be used:

1. In ditch flowlines to hold the straw and seed in place.
2. In place of straw mulch on slopes steeper than 3:1.

TEMPORARY SEEDING AND MULCH

Effective 1984 Revised 9/1/99
9-250MA3-97

This work shall be performed in accordance with Sections 250 and 251 of the Standard Specifications, as shown in the plans, and as follows:

(a) Class 7 Seeding (Temporary Erosion Control Mixture) shall be used as a temporary erosion control method when permanent seeding cannot be accomplished so as to limit the surface area of erodible earth material exposed by clearing, grubbing, excavation, borrow, and embankment operations. The following seed mixtures and rates per acre shall be used during the time of year indicated:

Seed Mixture	Spring 3/1 to 8/1 Lb/Acre	Fall 8/1 to 11/15 Lb/Acre	Winter 11/16 to 2/28
Perennial Ryegrass	50	50	Temporary Straw Mulching Only
Spring Oats	64	-	
Winter Wheat	-	64	

(b) Fertilizer and agricultural ground limestone shall be uniformly spread over the designated areas immediately prior to seedbed preparation at the following rates per acre:

40 lb. of Nitrogen Fertilizer Nutrients (N)
0 lb. of Phosphorus Fertilizer Nutrients (P)
0 lb. of Potassium Fertilizer Nutrients (K)
0 tons of Agricultural Ground Limestone

(c) Straw mulch shall be applied to all seeded areas at the rate of 2 tons per acre of Method 2.

WETLAND CONSTRUCTION

Equipment Requirements. All equipment used in the wetland site for excavation shall be low ground pressure equipment that exerts no more than 6.6 pounds per square inch. Equipment used for seeding, planting, fencing, or other operations shall not exceed 8,000 pounds of gross vehicle weight.

Wetland Seeding. This work shall be performed in accordance with Sections 250 and 251 of the Standard Specifications, as shown in the plans, and as follows:

(a) Class 4B MODIFIED Seeding (Wetland Grass Mixture) shall be used at the locations shown in the plans. Prior to seeding and as approved by the engineer, any *Phragmits* (Plume Grass) and *Typha* (Cattails) located immediately adjacent to the site location shall be treated with the approved herbicide "Rodeo" to prevent its presence in the constructed wetland during the establishment of desired vegetation. (Application of this herbicide may be performed prior to any project excavation then again prior to any wetland seeding or planting as specified by the engineer.) The following seed mixture and rates per acre shall be used during the time of year indicated:

Seeding Date:	March 1 to June 1
	August 1 to October 1
	November 15 to March 1 (increase seeding lb/acre 50%)

SEED MIXTURE	LB/Acre PLS
Annual Ryegrass (Lolium multiflorum)	50
Oats (Avena sativa)	64
Agrostis alba (Redtop)	5

(b) Fertilizer and agricultural ground limestone shall be uniformly spread over the designated areas immediately prior to seedbed preparation at the following rates per acre:

120 lb of Nitrogen Fertilizer Nutrients
120 lb of Phosphorus Fertilizer Nutrients
120 lb of Potassium Fertilizer Nutrients
0 tons of Agricultural Ground Limestone

(c) Straw mulch shall be applied to all seeded areas at the rate of 4 tons per acre of Method 2.

Planting Woody Plants. This work shall be performed in accordance with Section 253 and 254 of the Standard Specifications, as show on the plans, and as specified herein.

Plant Material List. The following trees shall be planted within the limits of the project at the minimum spacing shown or as specified by the engineer.

QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING (ON CENTER)
120	Acer rubrum	Red Maple	3 Gallon - Container	20-ft.
75	Betula nigra	River Birch	3 Gallon - Container	20-ft.
75	Carya Ovata	Shagbark Hickory	3 Gallon - Container	50-ft.
75	Fraxinus pennsylvanica	Green Ash	3 Gallon - Container	50-ft.
120	Plantanus occidentalis	Sycamore	3 Gallon - Container	60-ft.
200	Quercus bicolor	Swamp White Oak	3 Gallon - Container	50-ft.
200	Quercus macrocarpa	Burr Oak	3 Gallon - Container	50-ft.
200	Quercus palustris	Pin Oak	3 Gallon - Container	50-ft.

Watering Saucer and Weed Control. All trees shall have a watering saucer of soil constructed 4 inches by 48 inches in diameter. Tree plantings shall be treated with Simazine or other approved pre-emergent herbicide as per manufacturers recommendations so as to give 6 months of residual weed control to the area of the water saucer, prior to mulch placement. The tree planting is to result in a rate of 70 trees per acre.

Mulch Cover. Delete Article 253.11 Mulch Cover and replace it with the following:

A mulch cover of 4 inches by 48 inches in diameter of hardwood shredded bark shall be provided for all trees.

Fertilizer Tablets. Each tree shall have seven 21 gram 20-10-5 fertilizer tablets placed in the planting hole and uniformly spaced around the rootball.

The following perennial plants shall be plated within the limits of the project at the minimum spacing shown or as specified by the engineer:

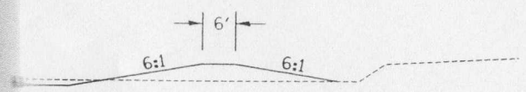
QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING (ON CENTER)
200	Cornus florida	Flowering Dogwood	1.5" - 1.75" Diam., BB	10-ft.
200	Ilex decidua	Deciduous Holly	2' - 3' Tall, BB	10-ft.
200	Rosa rugosa	Roses	1.5' - 2' Tall, BB	10-ft.
200	Lindera benzoin	Spicebush	1.5' - 2' Tall, BB	10-ft.
200	Cephalanthus occidentials	Buttonbush	1.5' - 2' Tall, BB	10-ft.

Planting Procedures and Netting. The plant species listed above shall be alternately planted in 4 rows (10-ft. apart) along the proposed meandering steam at a spacing of ten feet on center.

Basis of Payment. This work shall be paid for at the contract unit price each for the various species and sizes of TREES and SHRUBS, which price shall include all materials, equipment and labor necessary to complete the work.

CODE NO.	PAY ITEM	UNIT	QUANTITY
20200100	EARTH EXCAVATION	CU YD	8148
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1536
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	1536
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	1536
25002024	SEEDING, CLASS 4B (MODIFIED) *	ACRE	12.8
25100115	MULCH, METHOD 2 *	ACRE	12.8
F3002103	SEEDLING-ACER RUBRUM (RED MAPLE)-3 GAL.-CONTAINER	EACH	120
F3003003	SEEDLING-BETULA NIGRA (RIVER BIRCH)-3 GAL.-CONTAINER	EACH	75
F3004003	SEEDLING-CARYA OVATA (SHAGBARK HICKORY)-3 GAL.-CONTAINER	EACH	75
F3007003	SEEDLING-FRAXINUS PENNSYLVANICA LANCELATA (GREEN ASH)-3 GAL.-CONTAINER	EACH	75
F3009003	SEEDLING-PLATANUS OCCIDENTALIS (SYCAMORE)-3 GAL.-CONTAINER	EACH	120
F3013003	SEEDLING-QUERCUS BICOLOR (SWAMP WHITE OAK)-3 GAL.-CONTAINER	EACH	200
F3014003	SEEDLING-QUERCUS MACROCARPA (BURR OAK)-3 GAL.-CONTAINER	EACH	200
F3015003	SEEDLING-QUERCUS PALUSTRIS (PIN OAK)-3 GAL.-CONTAINER	EACH	200
B1003003	CORNUS FLORIDA 04	EACH	200
C1010104	ILEX DECIDUA 04	EACH	200
C1022102	ROSA RUGOSA 02	EACH	200
K0026472	LINDERA BENZOIN 04	EACH	200
C1002102	CEPHALANTHUS OCCIDENTALIS 02	EACH	200

TYPICAL SECTION
BERM



SECTION A-A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	*	SALINE	248	138
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* 31-1-1, 31B-Y-1, 31-B

N

1" = 50'

STA 0+00 ELEV 365.50
N 389810.27 E 917062.69

STA 10+38.35 ELEV 364.25
N 389851.86 E 917605.33

N 390032.01
E 917721.16
STA 75+50.00 WETLAND BL

PT STA. 949+03.45

STA 60+00.00 WETLAND BL
STA 949+00.00, 160' RT ILL 13 BL
N 389070.48
E 916349.78

STREAM CURVE-1
PI STA. = 0+60.30
Δ = 34° 42' 30" (RT)
D = 42° 26' 29"
R = 135.00'
T = 42.19'
L = 81.78'
E = 6.44'
P.C. STA. = 0+18.11
N 389793.93 E 917070.49
P.T. STA. = 0+99.89
N 389714.21 E 917081.91

STREAM CURVE-2
PI STA. = 3+69.30
Δ = 140° 58' 23" (LT)
D = 104° 10' 27"
R = 55.00'
T = 155.20'
L = 135.32'
E = 109.66'
P.C. STA. = 2+14.10
N 389601.47 E 917063.66
P.T. STA. = 3+49.42
N 389551.66 E 917154.59

STREAM CURVE-3
PI STA. = 5+29.44
Δ = 25° 01' 12" (LT)
D = 13° 58' 28"
R = 410.00'
T = 90.97'
L = 179.04'
E = 9.97'
P.C. STA. = 4+38.47
N 389610.98 E 917221.00
P.T. STA. = 6+17.50
N 389755.20 E 917324.68

STREAM CURVE-4
PI STA. = 8+80.72
Δ = 110° 17' 14" (RT)
D = 73° 27' 22"
R = 78.00'
T = 111.99'
L = 150.14'
E = 58.48'
P.C. STA. = 7+68.73
N 389894.19 E 917384.27
P.T. STA. = 9+18.87
N 389920.04 E 917509.65

STREAM CURVE-5
PI STA. = 10+09.44
Δ = 32° 26' 44" (LT)
D = 54° 34' 03"
R = 105.00'
T = 30.55'
L = 59.46'
E = 4.35'
P.C. STA. = 9+78.89
N 389878.74 E 917553.18
P.T. STA. = 10+38.35
N 389851.86 E 917605.33

Dash lines, offset from the centerline of the stream alignment, including grid lines were penciled in by Joe Lenzini.

REFER TO SPECIAL PROVISIONS FOR SPECIFICATIONS ON CLASS 4B MODIFIED SEEDING, PLANTING WOODY PLANTS, AND PERENNIAL PLANTS, WETLAND TYPE

WETLAND PLAN